| Index of Claims |  |
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|                 |  |

| Application No.  | Applicant(s)    |
|------------------|-----------------|
| 10/017,728       | AUERBACH ET AL. |
| Examiner         | Art Unit        |
| Douglas B. Blair | 2142            |

| , | Rejected | - | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Claim | n [      |        | Date Claim Date |         |                              |          |          |         |          |   |  |       | Claim Date |         |                               |          |               |         |                         |        |          | _     |              |                    |               |         |               |          |        |               |                    |        |
|-------|----------|--------|-----------------|---------|------------------------------|----------|----------|---------|----------|---|--|-------|------------|---------|-------------------------------|----------|---------------|---------|-------------------------|--------|----------|-------|--------------|--------------------|---------------|---------|---------------|----------|--------|---------------|--------------------|--------|
| -   - | <u>=</u> | _      |                 | "       |                              |          |          |         |          |   |  |       | <u>-a</u>  |         |                               |          |               |         |                         |        |          |       | ᇤ            |                    |               |         |               |          |        | - 1           | ı                  | ł      |
| Final | Original | 2/8/05 | 8/8/05          | 4/23/06 | l                            |          |          |         | - 1      |   |  | Final | Original   |         |                               |          |               |         |                         | -      |          | Final | Original     |                    |               |         |               |          |        | - 1           |                    | ı      |
| 급   ; | 돛,       | 28     | 8/8             | 4/2     |                              | 1        |          |         |          |   |  | 這     | ξĺ         |         |                               |          | ŀ             |         | 1                       |        |          | 证     | ک <u>ن</u> ز |                    |               |         |               |          |        |               |                    |        |
| `     | <u> </u> |        |                 |         |                              |          |          |         |          |   |  |       |            |         |                               |          |               |         |                         |        |          |       |              |                    |               |         | $\perp$       | ┙        | _      | _             | $\Box$             |        |
|       | 1        | 1      | 1               |         |                              |          |          |         | $\Box$   |   |  |       | 51         |         |                               |          |               |         |                         |        |          |       | 101          |                    |               |         |               | _        |        | _             | $\Box$             |        |
|       | 2        | 1      | 4               |         |                              |          |          |         | _        |   |  |       | 52         |         |                               |          |               |         | 1                       |        |          |       | 102          | Ш                  | _             | _       | _             | _        |        |               | $\dashv$           | _      |
|       | 3        | 1      | √               |         | L                            | Ш        |          |         |          |   |  |       | 53         |         | 1                             | Щ        |               |         | Ш                       |        |          |       | 103          |                    | _             | 4       | _             | 4        | _      |               | _                  |        |
|       | 4        | 1      | √               |         | L                            | Ш        |          |         |          |   |  |       | 54         |         | $oldsymbol{oldsymbol{\perp}}$ | Ш        |               | $\perp$ | Ш                       |        |          |       | 104          |                    | _             | _       | _             | _        | _      | _             | _                  | _      |
|       | 5        | 1      | <b>√</b>        |         | <u> </u>                     |          |          |         |          |   |  |       | 55         |         |                               | Ш        |               |         |                         |        |          |       | 105          |                    | _             | _       | _             | _        | _      | $\perp$       | $\dashv$           |        |
|       | 6        | 1      | √               |         | L                            |          |          |         |          |   |  |       | 56         |         | <u> </u>                      | Ш        |               |         | <b> </b>                |        |          |       | 106          | $\perp \downarrow$ |               |         | _             | _        | _      | _             | $\dashv$           |        |
|       | 7        | 1      | <b>√</b>        |         | L                            | Ш        |          | _       |          |   |  |       | 57         | _       |                               | Ш        | _             |         | $\sqcup$                |        |          |       | 107          | $\Box$             | $\dashv$      | _       | _             | _        | _      | 4             | $\dashv$           |        |
|       | 8        | 1      | ^               | √.      | <u> </u>                     | Ш        | Ш        |         | _        |   |  |       | 58         | _       | 4_                            | Ш        | $\rightarrow$ | _       | H                       |        |          |       | 108          | Щ                  | _             |         | _             | _        |        | _             | _                  |        |
|       | 9        | 1      | 1               | 1       | L                            | L        |          |         | _        |   |  |       | 59         |         |                               |          |               |         | Ш                       |        |          |       | 109          |                    |               |         | _             |          | _      | _             | $\dashv$           | _      |
| -     | 10       | 1      | 4               | 1       | L                            |          |          |         |          |   |  |       | 60         |         |                               | Ш        |               | $\perp$ |                         |        |          |       | 110          | Щ                  | _             |         | _             | _        | _      | _             | $\dashv$           | _      |
|       | 11       | 1      | √               | 4       | L                            | Ш        | Ш        |         |          |   |  |       | 61         |         | ļ                             | Ш        | $\perp$       | $\perp$ | $\sqcup$                |        |          |       | 111          | Ш                  | _             |         |               | _        | $\Box$ |               | $\Box$             |        |
|       | 12       | 1      | <b>√</b>        | 4       | _                            | Ш        | Ш        |         | $\perp$  |   |  |       | 62         | $\perp$ | 1                             | Ш        | $\perp$       |         | $\perp$                 | _      |          |       | 112          | $\sqcup$           | $ \bot $      |         | _             | _        |        | _             |                    |        |
|       | 13       | 1      | 1               | 1       | $oxed{oxed}$                 | Ш        |          |         | _        |   |  |       | 63         |         | $\perp$                       | Ш        |               |         | Ш                       |        |          |       | 113          | Ш                  | _             |         | _             |          |        | _             | $\Box$             |        |
|       | 14       | 1      | 1               | 1       |                              | Ш        | Ш        |         |          |   |  |       | 64         |         |                               | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 114          | Ш                  | ļ             | _       | $\rightarrow$ | _        | ļ      | _             |                    | [      |
|       | 15       | 1      | 4               | 4       | <u> </u>                     | Ш        | Ш        | Ц       | $\perp$  |   |  |       | 65         | $\bot$  | $\perp$                       | Ш        | $\perp$       | $\perp$ | $\sqcup$                |        |          |       | 115          | Ш                  | ļ             |         | $\perp$       | _        | ļ      | $\perp$       | Ц                  | Щ      |
|       | 16       |        | Ш               |         | $oxed{oxed}$                 | Ш        | Ш        |         | [        |   |  |       | 66         |         |                               | Ш        | $\perp$       | $\perp$ |                         |        |          |       | 116          |                    |               |         |               | _        |        | $\perp$       | $\Box$             |        |
|       | 17       |        |                 |         |                              | Ш        |          |         |          |   |  |       | 67         |         | <u> </u>                      |          |               | ┸       |                         |        |          |       | 117          |                    |               |         |               |          |        |               | ┙                  |        |
|       | 18       |        |                 |         |                              | Ш        |          |         |          |   |  |       | 68         | $\perp$ |                               | Ш        |               |         | Ш                       |        |          |       | 118          | Ш                  | _             |         | _             | _        | _      | _             |                    |        |
|       | 9        |        |                 |         | <u> </u>                     | Ш        |          |         | $\perp$  |   |  |       | 69         | $\perp$ | $\perp$                       | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 119          | $\Box$             | $\perp$       |         |               |          | _      |               | $\Box$             |        |
|       | 20       |        |                 |         |                              | Ш        | $\Box$   |         |          |   |  |       | 70         |         |                               | Ш        |               | ┸       | $\sqcup$                |        |          |       | 120          | $\Box$             | $\perp$       |         | $\perp$       |          | _      | $\perp$       | $ \bot $           |        |
|       | 21       |        |                 |         |                              |          |          |         |          |   |  |       | 71         |         |                               | Ш        |               |         |                         |        |          |       | 121          |                    |               |         |               |          |        |               |                    |        |
|       | 22       |        |                 |         |                              | Ш        |          |         |          |   |  |       | 72         |         |                               |          |               |         | Ш                       |        |          |       | 122          |                    |               |         |               |          |        |               |                    |        |
|       | 23       |        |                 |         |                              | $\sqcup$ |          |         |          |   |  |       | 73         |         |                               | Ш        |               |         | Ш                       |        |          |       | 123          |                    | $\perp$       |         |               |          |        | $\perp$       | $\Box$             |        |
| 2     | 24       |        |                 |         |                              | Ш        |          |         |          |   |  |       | 74         | $\perp$ |                               | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 124          | $\Box$             | $\perp$       |         | $\perp$       |          | _      |               | $\sqcup$           |        |
|       | 25       |        |                 |         |                              | Ш        |          |         |          |   |  |       | 75         |         |                               | Ш        |               |         |                         |        |          |       | 125          |                    | $\perp$       |         |               |          |        |               | $\sqcup$           |        |
|       | 26       |        |                 |         | _                            |          |          |         |          |   |  |       | 76         |         |                               | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 126          |                    | $\perp$       |         |               |          |        |               |                    |        |
|       | 27       |        |                 |         | <u> </u>                     | Ш        | $\Box$   |         |          |   |  |       | 77         |         |                               | Ц        | $\perp$       |         | $\sqcup$                |        |          |       | 127          |                    | ightharpoonup |         |               | $\perp$  | _      |               | $\sqcup$           |        |
|       | 28       |        |                 |         |                              | $\Box$   |          |         |          |   |  |       | 78         |         |                               |          |               |         |                         | _      |          |       | 128          |                    |               |         | $\Box$        |          |        |               | $\Box$             |        |
|       | 29       |        |                 |         |                              | Ш        |          |         |          |   |  |       | 79         |         |                               |          |               |         |                         |        |          |       | 129          |                    | _             |         |               |          |        |               | $\Box$             |        |
|       | 30       |        |                 |         |                              | Ш        |          |         |          |   |  |       | 80         |         |                               |          |               | _ _     | Ш                       |        |          |       | 130          |                    | $\dashv$      |         |               |          |        |               |                    |        |
|       | 31       |        |                 |         |                              | Ш        | ot       |         |          |   |  |       | 81         |         |                               | Ш        |               |         | $\perp$                 | $\Box$ | [        |       | 131          |                    |               |         | _[            |          |        |               |                    |        |
|       | 32       |        |                 |         | <u> </u>                     | Ш        | Ш        |         |          |   |  |       | 82         |         |                               | Ш        |               | $\perp$ | $\perp \perp$           |        | l        |       | 132          | Ш                  |               |         |               |          | [      |               |                    |        |
|       | 33       |        |                 |         |                              | Ш        | Ш        |         |          |   |  |       | 83         |         | $\perp$                       | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 133          | $\Box$             |               | [       | [             | _        | [      | [             |                    | $\Box$ |
|       | 34       |        |                 |         | ļ                            | Ш        | Ш        |         |          |   |  |       | 84         | $\perp$ |                               | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 134          |                    | _             | $\perp$ | _             |          |        | $\perp$       | ┙                  |        |
|       | 35       |        |                 |         | L_                           | Ш        | Ш        |         |          |   |  |       | 85         |         | _                             | Ш        |               | $\bot$  | $\sqcup$                |        |          |       | 135          | $\Box$             |               | $\bot$  |               | _        | _      |               |                    |        |
|       | 36       |        |                 |         | _                            | Ш        |          | $\perp$ |          | _ |  |       | 86         |         | $\perp$                       | Ш        |               | Ц_      | $\bot$                  | _      |          |       | 136          | Ц                  | ļ             | _       | _             | _        | _      |               |                    | _      |
|       | 37       |        |                 |         | _                            | Ш        | Ш        |         |          |   |  |       | 87         |         | $\perp$                       | Ш        |               | $\perp$ | $\bot$                  |        |          |       | 137          |                    | _ļ            |         |               |          |        |               |                    |        |
|       | 38_      |        |                 |         |                              | Ш        |          |         |          |   |  |       | 88         | $\perp$ |                               | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 138          | Ш                  | ļ             |         | _             |          |        | ightharpoonup | $oldsymbol{\perp}$ |        |
|       | 39       |        |                 |         | _                            | Ш        |          |         |          |   |  |       | 89         |         | 1                             | Ш        | $\perp$       |         | 1-1                     |        |          |       | 139          | Ш                  |               |         | _             | _        |        |               |                    |        |
|       | Ю        |        |                 |         | 匚                            | Ш        | $\Box$   |         | _        |   |  |       | 90         |         | $\perp$                       | Ш        | $\perp$       | $\perp$ | $\sqcup$                | _      |          |       | 140          | $\Box$             | _             |         | $\perp$       | _        |        | $\perp$       | Ц                  | $\Box$ |
|       | 11       |        | Ш               |         | ᆫ                            | Ш        |          |         |          |   |  |       | 91         |         | $\perp$                       | Ш        | $\perp$       | $\bot$  | $\downarrow \downarrow$ |        |          |       | 141          | $\Box$             | _             | $\perp$ |               | $\sqcup$ | _      |               | $\dashv$           |        |
|       | 12       |        | Ш               |         | L_                           | Ш        |          |         |          |   |  |       | 92         | $\perp$ |                               | Ш        |               | 4_      | $\sqcup$                |        | <b>.</b> |       | 142          |                    |               |         | $\perp$       | _        |        |               |                    | [      |
| 4     | 13       |        |                 |         | _                            | Ш        | Ш        |         | _        |   |  |       | 93         | $\perp$ | 丄                             | Ц        | $\perp$       |         | $\downarrow \downarrow$ |        |          |       | 143          |                    |               |         |               | _        | _      | 4             | $\dashv$           | Ц      |
|       | 4        |        |                 |         | <u> </u>                     | Ш        | Ш        |         |          |   |  |       | 94         |         | ↓_                            | Ш        |               | 4       | ┵                       |        |          |       | 144          |                    |               |         | _             |          |        | $\dashv$      |                    |        |
|       | 5        | _      |                 |         | Щ.                           | Ш        |          | _       | _        | _ |  |       | 95         | $\perp$ | ↓_                            | $\sqcup$ | _             |         | $\sqcup$                | _      |          |       | 145          | Щ                  |               | _       | _             | _        | _      | _             | _                  | _      |
| 4     | 6        | _      |                 |         | <u> </u>                     | Ш        |          | _       | _        | _ |  |       | 96         | _ _     | _                             | Щ        | $\bot$        | 4_      | $\downarrow \downarrow$ |        | ::::     |       | 146          | $\Box$             | _             |         | _             | _        |        | $\perp$       |                    |        |
|       | 7        |        |                 |         | $ldsymbol{ldsymbol{\sqcup}}$ | Ш        | $\Box$   | _       |          | _ |  |       | 97         | $\perp$ | _                             | Ш        |               | $\perp$ | $\sqcup$                |        |          |       | 147          | $\Box$             | ļ             |         |               | ↲        | ļ      | $\perp$       | Ц                  | $\Box$ |
|       | 8        | _      |                 |         | Ь.                           | Ш        | $\sqcup$ | _       | _        | _ |  |       | 98         |         | ╄                             | Щ        | _             |         | $\sqcup$                |        |          |       | 148          | $\Box$             |               | _       | _             | _        |        | ightharpoonup | _                  | $\Box$ |
| 4     | 9        |        | $\Box$          |         | $ldsymbol{f eta}$            | Ш        |          | _       | $\dashv$ |   |  |       | 99         |         | 1_                            | Ш        | _             | _ _     | $\sqcup$                |        |          |       | 149          |                    |               | _       | ightharpoonup | 4        |        | _             | _                  | _      |
| 5     | i0       |        |                 |         |                              |          |          |         |          |   |  |       | 100        |         | 1                             | H        |               |         |                         |        |          |       | 150          |                    |               |         |               |          |        |               |                    | - 1    |